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Choi, J.W.; Kim, J.Y.; Hwang, C.J.;

Information, Communications and Signal Processing, 1997. ICICS., Proceedings of 1997 International Conference on , Volume: 3 , 9-12 Sept. 1997

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2 A prototypal environment for collaborative work within a research organization
Ettorre, M.; Pontieri, P.; Ruffolo, M.; Rullo, P.; Sacca, D.;

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3 ASSISS: an active semi-structured scientific information sharing system
Shek, E.C.; Kaestle, G.; Dao, S.K.;

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Gross, T.;

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5 FilmEd - collaborative video indexing, annotation, and discussion tools over broadband networks

Schroeter, R.; Hunter, J.; Kosovic, D.;
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6 Community portals and collective goods: conversation archives as an information resource

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System Sciences, 2000. Proceedings of the 33rd Annual Hawaii International Conference on , 4-7 Jan. 2000
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8 Use link-based clustering to improve Web search results

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[\[Abstract\]](#) [\[PDF Full-Text \(172 KB\)\]](#) [IEEE CNF](#)

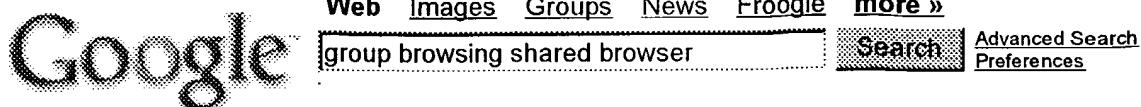
10 A comparison of MAC protocols for hybrid fiber/coax networks: IEEE 802.14 vs. MCNS

Golmie, N.; Mouveaux, F.; Su, D.;
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Pages:266 - 272 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(544 KB\)\]](#) [IEEE CNF](#)

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... Enjoyed and Enjoying Whats **Shared**: Designing for Sociability in **Shared Browsing**. ...

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... we explore "socializing" web **browsers** to support ... Many **shared browsing** programs have focused on business applications, such **group** work (Greenberg & ...

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... **Group browsing** **Group Browsing** involves a **group** tour of Web sites with a **shared browser** window and some interaction capability between the members of the **group** ...

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... the files may benefit from being **shared** among, and ... there are tasks which are inherently **group-oriented**, which ... not fully integrated into the **Browser** experience. ...

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1 NotePals: lightweight note sharing by the group, for the group

Richard C. Davis, James A. Landay, Victor Chen, Jonathan Huang, Rebecca B. Lee, Frances C. Li, James Lin, Charles B. Morrey, Ben Schleimer, Morgan N. Price, Bill N. Schilit

May 1999 **Proceedings of the SIGCHI conference on Human factors in computing systems: the CHI is the limit**

Full text available: [pdf\(1.24 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

NotePals is a lightweight note sharing system that gives group members easy access to each others experiences through their personal notes. The system allows notes taken by group members in any context to be uploaded to a shared repository. Group members view these notes with browsers that allow them to retrieve all notes taken in a given context or to access notes from other related notes or documents. This is possible because NotePals records the context in which each note is created ...

2 Social browsing: Group unified histories an instrument for productive unconstrained co-browsing

Maria Aneiros, Vladimir Estivill-Castro, Chengzheng Sun

November 2003 **Proceedings of the 2003 international ACM SIGGROUP conference on Supporting group work**

Full text available: [pdf\(223.25 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The most common task being performed on the World Wide Web, namely exploring its contents remains an individual rather than a cooperative, shared or partnered activity. We propose that the existing model of collaborative browsing, namely master/slave, is too restrictive. Instead, we introduce group unified histories to provide unconstrained cooperative browsing. Our approach is founded on a persistent shared history object which is replicated for each user and totally configurable. In order for ...

Keywords: awareness, collaborative browsing, consistency model, group unified history, unconstrained cooperative browsing

3 Facilitating orientation in shared hypermedia workspaces

Jörg M. Haake

November 1999 **Proceedings of the international ACM SIGGROUP conference on Supporting group work**

Full text available: [pdf\(1.68 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Shared workspaces are an important means for supporting long-term synchronous and asynchronous collaboration. Shared workspaces themselves become difficult to manage due

to increasing size and constant change. This is especially true for shared hypermedia workspaces. Thus means for managing the shared hypermedia workspace in terms of keeping an overview of the group's work and coordinating changes become necessary. In this paper we propose a shared hypermedia workspace model repre ...

Keywords: awareness, collaboration support, cooperative work, coordination, orientation, shared hypermedia workspace

- 4 Papers: Information visualization: PhotoMesa: a zoomable image browser using quantum treemaps and bubblemaps

Benjamin B. Bederson

November 2001 **Proceedings of the 14th annual ACM symposium on User interface software and technology**

Full text available:  pdf(1.34 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

PhotoMesa is a zoomable image browser that uses a novel treemap algorithm to present large numbers of images grouped by directory, or other available metadata. It uses a new interaction technique for zoomable user interfaces designed for novices and family use that makes it straightforward to navigate through the space of images, and impossible to get lost. PhotoMesa groups images using one of two new algorithms that lay out groups of objects in a 2D space-filling manner. *Quantum treemaps* ...

Keywords: Animation, Graphics, Image Browsers, Jazz, Treemaps, Zoomable User Interfaces (ZUIs)

- 5 Where did you put it? Issues in the design and use of a group memory

Lucy M. Berlin, Robin Jeffries, Vicki L. O'Day, Andreas Paepcke, Cathleen Wharton

May 1993 **Proceedings of the SIGCHI conference on Human factors in computing systems**

Full text available:  pdf(1.07 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Collaborating teams of knowledge workers need a common repository in which to share information gathered by individuals or developed by the team. This is difficult to achieve in practice, because individual information access strategies break down with group information—people can generally find things that are on their own messy desks and file systems, but not on other people's. The design challenge in a group memory is thus to enable low-effort informatio ...

Keywords: collaborative work, group conventions, group memory, information search and retrieval, information sharing

- 6 Posters: Implementing a proxy agent based writable web for a dynamic information sharing system

Norihiro Tashiro, Hiromitsu Hattori, Takayuki Ito, Toramatsu Shintani

May 2004 **Proceedings of the 13th international World Wide Web conference on Alternate track papers & posters**

Full text available:  pdf(232.70 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper, we propose a Web based information sharing system called the Proxy Agent-based Information Sharing(PAIS). We also developed a writable Web mechanism called Web browser-based Direct Editing (Wedit), that is a major component of PAIS. Wedit enables public users to effectively edit HTML text on an existing Web browser. Since Wedit was developed with conventional technologies, users quickly learn how to use it. PAIS is implemented by using Wedit and a proxy agent. PAIS enables users to ...

Keywords: browsing support, information system, multiagent system

7 Distributed authoring on the Web with the BSCW shared workspace system

Thilo Horstmann, Richard Bentley

March 1997 **StandardView**, Volume 5 Issue 1

Full text available:  pdf(680.24 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)



8 Posters & demos: WebContext: remote access to shared context

Robert Capra, Manuel A. Pérez-Quiñones, Naren Ramakrishnan

November 2001 **Proceedings of the 2001 workshop on Perceptive user interfaces**

Full text available:  pdf(136.48 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

In this paper, we describe a system and architecture for building and remotely accessing shared context between a user and a computer. The system is designed to allow a user to browse web pages on a personal computer and then remotely make queries about information seen on the web pages using a telephone-based voice user interface.

Keywords: VoiceXML, information access, shared context, software architecture, telephone-based user interfaces, voice user interfaces



9 Creating and sharing web notes via a standard browser

Ng S. T. Chong, Masao Sakauchi

March 2001 **Proceedings of the 2001 ACM symposium on Applied computing**

Full text available:  pdf(298.63 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



Keywords: note taking, shared web annotation systems, synchronous and asynchronous CSCW systems, web-based course delivery systems

10 Creating and sharing Web notes via a standard browser

Ng S. T. Chong, Masao Sakauchi

September 2001 **ACM SIGCUE Outlook**, Volume 27 Issue 3

Full text available:  pdf(1.41 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Today practitioners in education actively publish their instructional materials as HTML documents, using a variety of media. Yet, in most cases, third parties can only passively read the documents displayed in their browsers. This partly accounts for why students in Web-based courses continue to take notes and get feedback on assignments from their teachers on paper documents [9]. In this paper, we describe an intuitive Web annotation environment that allows users to annotate directly on any DHTML ...

Keywords: Web-based course delivery systems, note taking, shared Web annotated systems, synchronous and asynchronous CSCW (Computer Supported Cooperative Work) systems



11 Awareness and the WWW: an overview

Olivier Liechti

December 2000 **ACM SIGGROUP Bulletin**, Volume 21 Issue 3

Full text available:  pdf(1.47 MB) Additional Information: [full citation](#), [abstract](#), [references](#)



The notion of awareness has received a lot of attention in the CSCW literature for quite some time now. Because it cannot be very precisely and uniquely defined, this notion

covers a range of issues and is critical in very different situations. This is also true in the particular context of the WWW, where awareness has more than one facet. One objective for this paper is to give an overview of the field, by reviewing different awareness categories and by showing how they relate to Web-based syst ...

Keywords: CSCW, WWW, activity space, awareness, contextual awareness, group awareness, implementation platform, peripheral awareness, workspace awareness

12 Doctoral consortium: Developing tools for efficient collaborative web browsing

Guillermo S. Zeballos

May 1999 **CHI '99 extended abstracts on Human factors in computing systems**

Full text available:  pdf(210.39 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Collaborative web browsing can provide a practical approach for searching the vast quantities of information on the WWW. While browsers that support group web browsing exist, their support is limited to lockstep browsing, in which multiple clients are slaved to one browser. They do not permit individual collaborators to navigate separate paths while coordinating their efforts. This paper discusses my current investigation into modeling the behavior of, and developing tools to support, people mak ...

13 2b---Hypertext Systems: Organizing shared enterprise workspaces using component-based cooperative hypermedia

Jessica Rubart, Jörg M. Haake, Daniel A. Tietze, Weigang Wang

September 2001 **Proceedings of the twelfth ACM conference on Hypertext and Hypermedia**

Full text available:  pdf(380.50 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Cooperative work in Extended Enterprises needs a flexible shared workspace for team members to access and manipulate shared information objects in a well-coordinated working process. Current shared workspace systems do not adequately support the evolving character of shared workspaces as needed by Extended Enterprises, i.e. the dynamic cooperation processes, various kinds of shared information contents and the set of cooperative tools. In this paper, the usage scenarios and requirements devel ...

14 Supporting cooperative and personal surfing with a desktop assistant

Hannes Marais, Krishna Bharat

October 1997 **Proceedings of the 10th annual ACM symposium on User interface software and technology**

Full text available:  pdf(1.37 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: WWW, annotation, asynchronous, barcodes, bookmarks, browser, browserware, collaboration, community knowledge, desktop assistant, indexing

15 CHIME: customizable hyperlink insertion and maintenance engine for software engineering environments

P. Devanbu, Y.-F. Chen, E. Gansner, H. Müller, J. Martin

May 1999 **Proceedings of the 21st international conference on Software engineering**

Full text available:  pdf(1.28 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

16 Where were we: making and using near-synchronous, pre-narrative video

Scott L. Minneman, Steven R. Harrison

September 1993 **Proceedings of the first ACM international conference on Multimedia**

Full text available: pdf(197.50 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

ps(1.50 MB)

Keywords: collaboration, digital video, distributed work, group work, video indexing

17 A distance education/computer mediated communication integrated framework

Irene Wong-Bushby

April 2000 **Journal of Computing Sciences in Colleges , Proceedings of the fifth annual CCSC northeastern conference on The journal of computing in small colleges**, Volume 15 Issue 5

Full text available: pdf(237.71 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

18 Emergent web patterns: Automatically sharing web experiences through a hyperdocument recommender system

Alessandra Alaniz Macedo, Khai N. Truong, José Antonio Camacho-Guerrero, Maria da GraÇa Pimentel

August 2003 **Proceedings of the fourteenth ACM conference on Hypertext and hypermedia**

Full text available: pdf(620.88 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

As an approach that applies not only to support user navigation on the Web, recommender systems have been built to assist and augment the natural social process of asking for recommendations from other people. In a typical recommender system, people provide suggestions as inputs, which the system aggregates and directs to appropriate recipients. In some cases, the primary computation is in the aggregation; in others, the value of the system lies in its ability to make good matches between the re ...

Keywords: information retrieval, open hypermedia, recommender systems, semantic structures, web

19 Hypermedia and Graphics 1: Dynamic documents: authoring, browsing, and analysis using a high-level petri net-based hypermedia system

Jin-Cheon Na, Richard Furuta

November 2001 **Proceedings of the 2001 ACM Symposium on Document engineering**

Full text available: pdf(394.28 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

caT (for Context-Aware Trellis) was initially developed to support context-aware documents by incorporating high-level Petri-net specification, context-awareness, user modeling, and fuzzy knowledge handling features into Trellis, a Petri-net-based hypermedia system. The browsing behavior of documents specified in the caT model can reflect the reader's contextual (such as location and time) and preference information. Recently, to provide a framework for the authoring, browsing, and analysis of r ...

Keywords: caT, dynamic documents, petri-net-based hypertext, trellis

20 Timing attacks on Web privacy

Edward W. Felten, Michael A. Schneider

November 2000 **Proceedings of the 7th ACM conference on Computer and communications security**

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